| Project Title  | Funding   | Strategic Plan Objective | Institution   |
|--|-----------|--------------------------|---|
| Synchronous activity in networks of electrically coupled cortical interneurons   | \$0       | Q2.Other                 | University of California, Davis                             |
| Spectrum Support Program (SSP): A transition and support program for students with autism spectrum disorders pursuing degrees and careers in STEM fields | \$0       | Q6.Other                 | Rochester Institute of Technology                           |
| Social and statistical mechanisms of prelinguistic vocal development   | \$0       | Q1.Other                 | Cornell University  |
| RI: Small: Addressing visual analogy problems on the raven's intelligence test   | \$165,546 | Q2.Other                 | Georgia Tech Research Corporation                           |
| Neural systems for the extraction of socially-relevant information from faces  | \$51,783  | Q2.Other                 | Dartmouth College   |
| Neural basis of cross-modal influences on perception   | \$154,104 | Q2.Other                 | University of California, San Diego                         |
| Multiple systems in theory of mind development   | \$0       | Q2.Other                 | Rutgers, The State University of New Jersey - New Brunswick |
| MRI: Acquisition of instruments for interaction, learning, and perception in virtual environments  | \$0       | Q4.Other                 | Vanderbilt University                                       |
| KSU student chapter of the IEEE EMBS as a focal point for senior design projects to aid children with disabilities                                       | \$124,999 | Q5.Other                 | Kansas State University                                     |
| INT2-Large: Collaborative research: Developing social robots   | \$0       | Q1.Other                 | University of California, San Diego                         |
| INT2-Large: Collaborative research: Developing social robots   | \$0       | Q1.Other                 | University of Miami   |
| Infants' developing representation of object function  | \$0       | Q2.Other                 | University of California, Davis                             |
| HCC-Medium: Personalized socially-assistive human-<br>robot interaction: Applications to autism spectrum<br>disorder                                     | \$28,756  | Q4.Other                 | University of Southern California                           |
| HCC:Small:Computational studies of social nonverbal communication  | \$0       | Q2.Other                 | University of Southern California                           |
| HCC: Medium: Automatic detection of atypical patterns in cross-modal affect  | \$0       | Q1.L.B                   | Oregon Health & Science University                          |
| HCC: Collaborative research: Social-emotional technologies for autism spectrum disorders   | \$0       | Q4.S.F                   | Massachusetts Institute of Technology                       |
| HCC: Collaborative research: Social-emotional technologies for autism spectrum disorders   | \$0       | Q4.S.F                   | The Groden Center, Inc.                                     |
| Face perception: Mapping psychological spaces to neural responses  | \$79,992  | Q2.Other                 | Stanford University   |
| Exploring the uncanny valley   | \$0       | Q2.Other                 | Carnegie Mellon University                                  |
| Experience and cognitive development in infancy  | \$100,798 | Q2.Other                 | University of California, Davis                             |
| Dissertation research: Translating diagnoses across cultures: Expertise, autism, and therapeutics of the self in Morocco                                 | \$14,510  | Q1.Other                 | Columbia University   |
| Dimensions of mind perception  | \$0       | Q2.Other                 | Harvard University  |
| Collaborative research: The path to verb learning  | \$0       | Q2.Other                 | University of Delaware                                      |
| Collaborative research: The path to verb learning  | \$0       | Q2.Other                 | Temple University   |

| Project Title  | Funding   | Strategic Plan Objective            | Institution                                |  |
|--|-----------|-------------------------------------|--|--|
| Collaborative research: RUI: Perceptual pick-up processes in interpersonal coordination  | \$0       | Q2.Other                            | College of the Holy Cross                  |  |
| Collaborative research: Modeling perception and memory: Studies in priming   | \$0       | Q2.Other                            | Indiana University                         |  |
| Collaborative research: Modeling perception and memory: Studies in priming   | \$0       | Q2.Other                            | University of California, San Diego        |  |
| Collaborative research: Learning complex auditory categories   | \$0       | Q2.Other                            | University of Arizona                      |  |
| Collaborative research: Learning complex auditory categories   | \$0       | Q2.Other Carnegie Mellon University |  |  |
| Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior | \$0       | Q1.L.B                              | University of Illinois at Urbana Champaign |  |
| Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior | \$0       | Q1.L.B                              | University of Southern California          |  |
| Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior | \$0       | Q1.L.B                              | Trustees of Boston University              |  |
| Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior | \$24,000  | Q1.L.B                              | Georgia Tech Research Corporation          |  |
| Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior | \$16,000  | Q1.L.B                              | Carnegie Mellon University                 |  |
| Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior | \$0       | Q1.L.B                              | Massachusetts Institute of Technology      |  |
| CDI-TYPE II: From language to neural representations of meaning  | \$0       | Q2.Other                            | Carnegie Mellon University                 |  |
| CDI-Type I: Understanding regulation of visual attention in autism through computational and robotic modeling                        | \$0       | Q1.L.B                              | Yale University                            |  |
| CAREER: Typical and atypical development of brain regions for theory of mind   | \$27,670  | Q2.Other                            | Massachusetts Institute of Technology      |  |
| CAREER: The role of prosody in word segmentation and lexical access  | \$0       | Q2.Other                            | Michigan State University                  |  |
| CAREER: Statistical models and classification of time-<br>varying shape  | \$404,961 | Q2.Other                            | University of Utah                         |  |
| CAREER: Model-based fMRI of human object recognition   | \$0       | Q2.Other                            | Georgetown University                      |  |
| CAREER: Integrative behavioural and<br>neurophysiological studies of normal and autistic<br>cognition using video game environments  | \$0       | Q2.Other                            | Cornell University                         |  |

| Project Title   | Funding   | Strategic Plan Objective | Institution   |  |
|---|-----------|--------------------------|---|--|
| CAREER: Enabling community-scale modeling of human behavior and its application to healthcare     | \$0       | Q1.Other                 | Cornell University  |  |
| CAREER: Dissecting the neural mechanisms for face detection                                       | \$0       | Q2.Other                 | California Institute of Technology                          |  |
| A novel quantitative framework to study lack of social interactions in autism                     | \$0       | Q1.L.B                   | Rutgers, The State University of New Jersey - New Brunswick |  |
| A novel adaptive transactional virtual reality-based assistive technology for autism intervention | \$116,875 | Q4.Other                 | Vanderbilt University                                       |  |
| A Multigenerational longitudinal study of language development: Insight from autism               | \$0       | Q2.S.G                   | Northwestern University                                     |  |
| A multigenerational longitudinal study of language development: Insight from autism               | \$0       | Q2.S.G                   | University of North Carolina at Chapel Hill                 |  |
| A history of behavioral genetics  | \$19,900  | Q3.Other                 | University of Pittsburgh                                    |  |
| A developmental social neuroscience approach to perception-action relations                       | \$0       | Q2.Other                 | Temple University   |  |
| Action anticipation in infants  | \$98,745  | Q2.Other                 | University of Chicago                                       |  |